

<u>Chemical</u>	<u>Case</u>	<u>PC Code</u>	<u>Date</u>	<u>Analyst</u>
Phostebupirim		129086	Feb. 8, 1999	David Widawsky

Quantitative Usage Analysis

Phostebupirim is an insecticide registered in corn mainly to control rootworms. It is sold in combination with cyfluthrin, an insecticide used against a large number of crawling and other insects. Currently, phostebupirim is only registered for use on corn. Total phostebupirim use is approximately 270 thousand pounds a.i. per year. Approximately 3% of corn acreage receives applications of phostebupirim, which is used once a season on average, at a rate of 0.13 pounds a.i./acre. Phostebupirim use appears to be increasing steadily over time.

Note: Phostebupirim is an obsolete name and has been abandoned as the official name. The chemical should properly be referred to as: *Tebupirimphos*.

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			States of Most Usage
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl	(% of total lb ai used on this site)
Corn	73,000	2,000	4,000	3%	6%	270	540	0.13	1.0	0.13	IA NE IL IN OH MN 85%
TOTAL		2000				270					

Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

NOTES ON TABLE DATA

Usage data primarily covers 1990 - 1996.

Calculations of the above numbers may not appear to agree because they are displayed as rounded:

to the nearest 1000 for acres treated or lb. a.i. (Therefore 0 = < 500)

to the nearest 1/10 percentage point for % of crop treated.

0* = Available EPA sources indicate that no usage is observed in the reported data for this site, which implies that there is little or no usage.

A dash (-) indicates that information on this site is NOT available in EPA sources or is insufficient.

SOURCES: EPA data (1990-1997), USDA - NASS (1990-1997)